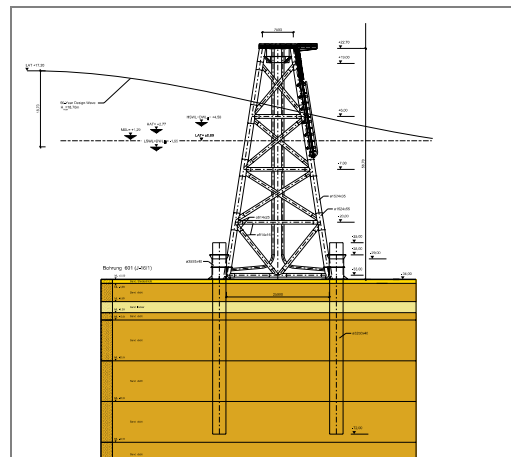
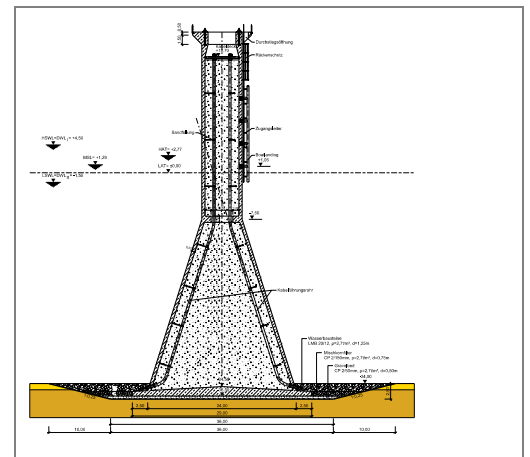


References

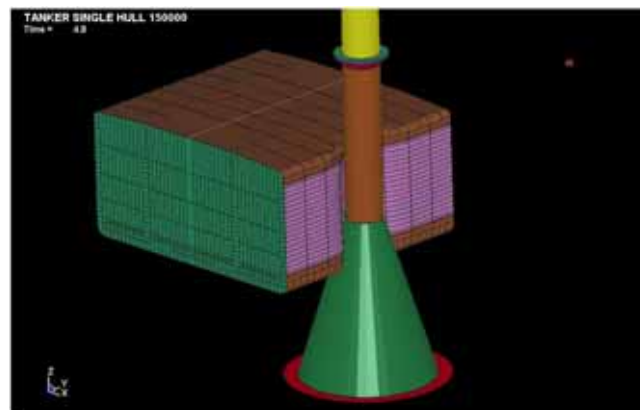
- Project:** Offshore-Wind Farm Gode Wind II
Design Basis and Conceptual Design of two different Foundation structures as well as Collision analysis according BSH-Standard Design of Offshore-Wind Turbines (phase 1)
- Period:** April - June 2008
- Client:** Plambeck Neue Energien AG, Cuxhaven
- Short Description:** Design Basis and conceptual design of two different foundation structures according BSH-Standard Design of Offshore-Wind Turbines (phase 1) incl. collision analyses for offshore wind farm Gode Wind II
- Design Basis
 - Metocean report for the location Gode Wind II in collaboration with GKSS
 - Geotechnical statement of the local soil conditions
 - Conceptual Design of two different foundation structures (gravity based foundation and jacket structure) for Repower 5M wind turbine
 - Conceptual Design of scour protection for gravity based foundation
 - Collisions analysis for gravity based foundation and jacket structure with LSDYNA (crash simulation software).



Jacket Structure for Repower 5M



Gravity based foundation for Repower 5M



Collision analysis Example: GBS with 150.000-t-Single Hull Tanker